With the hope of helping other Lawson clients, The City of High Point put together the following documentation related to the installation of the Requisition Center (RQC) module. This document provides more detailed explanation of the steps required. The following screenshots and commentary reflect the steps outlined in the Lawson Requisition Center Installation Guide version 9.0.1 published May 2011.

Please note that this implementation was done on a Sun Solaris UNIX Machine running Oracle 11 using WebSphere 7.0.

This document illustrates the steps we followed to complete an error free roll out of this application. However, note that we are providing this document for convenience/reference only and do not make any guarantees that it is free of errors nor do we provide any warranties expressed or implied.

Page numbers (i.e. Page 8:) refer to page numbers in the Lawson Requisition Center Installation Guide.

Page 8: Installing Lawson Requisition Center

- Establish permissions: screenshots not made
- Extract the Installation File: screenshots not taken



cd /erp_transfers/Install_RQC

\geq	xterm							
	[lawsonsrv:l /erp_transfe [lawsonsrv:l total 37694	awson:/var. rs/Install, awson:/var.	/home/laws _RQC /home/laws	son]> pwd son]> ls ·	-1			
	drwxrwxrwx -rw-rw-rw-	2 nobody 1 nobody	nobody nobody	512 3625	May Jun	4 3	08:01 12:16	META-INF/ rqc-901.install.2011060312
	1337.109 -rw-rw-rw- 4736.109	1 nobody	nobody	803	Âug	3	17:50	rqc-901.install.2011080317
	-rw-rw-rw- 5145.log	1 nobody	nobody	803	Aug	3	17:52	rqc-901.install.2011080317
	-rw-rr -rw-rw-rw- [lawsonsrv:]	1 nobody 1 nobody awson:/var.	nobody nobody /home/laws	9632245 9634161 ∞n]>∎	Jun May	3 4	12:10 08:01	w−0900010000-RQC.zip w−rqc-901.jar

The 2 screenshots above show the install directory and its contents.

\geq	xterm						×
	[lawsonsrv:] /erp_transfe	lawson:/var/ ers/Install.	/home/laws _RQC /home/laws	:on]> pwd	_1		
	total 37694	tawson;/varv	TIUNE/ IAWS	0017 18 -	1		
	drwxrwxrwx	2 nobody	nobody	512	May	<pre>4 08:01 META-INF/ 7 10:10 meta-11 00110007</pre>	40
	1337.log	I nobody	nobody	3629	Jun) 3 12:16 rqc-901.1nstall.20110603	12
	-rw-rw-rw- 4736.log	1 nobody	nobody	803	Âug	3 17:50 rqc-901.install.20110803	17
	-rw-rw-rw- 5145.log	1 nobody	nobody	803	Aug	; 3 17:52 rqc-901.install.20110803	17
	-rw-rr -rw-rw-rw-	1 nobody 1 nobody	nobody nobody	9632245 9634161	Jun May	≀ 3 12:10 w-0900010000-RQC.zip ≀ 4 08:01 w-rqc-901.jar	
	[lawsonsrv:] [nitializing	lawson:/var/ the instai	/home/laws 11. Please	on]> java : wait.	a −ja	jar w−rqc-901.jar	
	Java Accessi	ibility Brid	lge for GN	IOME loade	ed.		
							_

Page 9: Launch the installation file: java –jar w-rqc-901.jar



Initial Installation screen: Click "Next"

Lawson Requisition Center (201105) Ins	tallation	_ 🗆 🗙
1		LAWS®N
Select the components you want to install		
	Spa	ace required: 3.1M
803 Technology App Server 1.33K	Lawson Requisition Center (2 Technology. This component server.	01105) using 803 is installed on the Lawson
803 Technology Web server 6.9M	Lawson Requisition Center (2 Technology, This component server,	01105) using 803 is installed on the web
90x Technology 3.1M	Lawson Requisition Center (2 Technology. This component server.	01105) using 90x is installed on the Lawson
Previou	s Next Cancel	

Chose the Component(s) to install: Selected 90x Technology then clicked Next.

Lawson Requisition Center (201105) Installa	ation			_ 🗆 🗙
1				LAW	SON
Browse and select the director	y corresponding	to each Lav	/son Environmen	t variable	
Locate the Lawson GENDIR d	irectory on this n	nachine.			
/lawson9/gen					Browse
	Previous	Next	Cancel		

Specify Required Installation Values:

Click "Browse" to locate the GENDIR directory (I did not take a screenshot of this prior to browsing to the correct location. The default path is the install directory as will be seen for the LAWDIR directory).

🎯 Please locate	the GENDIR directory.	×
Look <u>i</u> n: 📑	awson9	- G C C C C
📑 db 📑 gen 📑 law 📑 lost+found 📑 webspher	l e_log_archives	
File <u>N</u> ame:	/lawson9/gen	
Files of <u>T</u> ype:	All Files	•
		Select Cancel

Browsed to /lawson9, highlighted gen for GENDIR then pressed Select.

- IX
N
-
rowse

After Select on previous screen. Press Next.

					A second s
				LAW	/S®N
wse and select the direct	ory corresponding	g to each Lav	vson Environme	nt variable	
	8 I. A.				
ate the Lawson LAVVDIR	directory on this n	nachine.			
p_transfers/Install_RQC					Browse
		A40.0	P24 - 104		
	The second se	ALCONOMIC .	CONTRACTOR STATE		

Browse to \$LAWDIR. The default path initially shown is the install directory.

🏽 Please locate	the LAWDIR directory.	×
Look <u>i</u> n:	awson9	a î 🗆 🙁 🗄
📑 db 📑 gen 📑 law 📑 lost+found 📑 webspher	e_log_archives	
File <u>N</u> ame:	/lawson9/law	
Files of <u>T</u> ype:	All Files	•
		Select Cancel

Browse to /lawson9/, highlighted law for LAWDIR, then pressed Select.

Lawson Requisition Center (201105) Installation	
1	LAWS®N
Browse and select the directory corresponding to each Lawson Environment val	riable
Locate the Lawson LAWDIR directory on this machine.	
/lawson9/law	Browse
Previous Next Cancel	

After pressing Select in previous screen. Press Next.

Lawson Requisition Center (201105) Installation	×
LAWS	N
Installation settings review Press "Install" to commit changes.	
You have chosen to install the following components: 90x Technology: Lawson Requisition Center (201105) using 90x Technology. This component is installed on the Lawson server.	
Installation directory settings: GENDIR: /lawson9/gen LAWDIR: /lawson9/law	
Number of system executables to be called: 1	=
Number of files to copy: 8 Total size of files to copy 3.1M	
Install logfile is: /erp_transfers/Install_RQC/rqc-901.install.20110803180225.log	•
Previous Install Cancel	

Verify Values: Press "Install".

Lawson Requisition Center (201105) Installation	×
1 CON	LAWS®N
	-
Installation activity completed.	
No errors were detected.	
Installation Summary:	
Total number of directories created: 1	
Total number of files created: 8	
Look in the log file for more details: /erp_transfers/Install_R	QC/rqc-901.install.20110803180225.log
View Log C	lose

Check the Log File: After installation program ran. Press View Log.

/erp_transfers/Install_RQC/rqc-901.install.20110803180225.log	<u>- 🗆 ×</u>
This is the Lawson Requisition Center (201105) Installation version 09.00.01.00 00 installation log file.	
Installation started on Wed Aug 03 18:02:26 EDT 2011	
Installer user name is lawson	
Current installation program directory is /erp_transfers/Install_RQC	
Java Runtime Environment version is 1.6.0_21 Installation being run on SunOS sparcy9 5.10	
Installations Settings Review	
	=
You have chosen to install the following components: 90x Technology : Lawson Requisition Center (201105) using 90x Technology. This component is installed on the Lawson server.	
Installation directory settings:	
GENDIR: Jlawsonsigen	
Number of system executables to be called: 1	
Number of files to copy: 8	
Total size of files to copy 3.1M	
Install loofile is: /ero_transfers/Install_ROC/roc-901_install.20110803180225.log	
Reginning creation of tech000gen subcomponent	
Creating directory structure for tech900gen subcomponent	
/rawson9/gen/assembly/products/rdc Completed directory structure for tech900gen subcomponent	
Copying files for tech900gen subcomponent	
/lawson9/gen/instali/agents/rgc_service.xmi /lawson9/gen/assembly/products/rgc/rgc.ear	
/lawson9/gen/assembly/products/rqc/rqc_config.xml	
/lawson9/gen/assembly/products/rqc/punchout_config.xml	
/lawson9/gen/assembly/products/rqc/Lmcs.ear //awson9/gen/assembly/products/rqc/Lmcs.ear	
Completed file copy for tech900gen subcomponent	
Successful creation of tech900gen subcomponent	
Beginning creation of tech900law subcomponent	
Creating directory structure for techauulaw subcomponent	-
Exit	

Screenshot of log file above. Full contents of log file are below:

This is the Lawson Requisition Center (201105) Installation version 09.00.01.00 00 installation log file. Installation started on Wed Aug 03 18:02:26 EDT 2011 Installer user name is lawson Current installation program directory is /erp_transfers/Install_RQC Java Runtime Environment version is 1.6.0_21 Installation being run on SunOS sparcv9 5.10 8 of 47

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http://www.highpointnc.gov/

_ _ _ _ _ _ _ _ _ _ _ _ _ . Installations Settings Review You have chosen to install the following components: 90x Technology : Lawson Requisition Center (201105) using 90x Technology. This component is installed on the Lawson server. Installation directory settings: GENDIR: /lawson9/gen LAWDIR: /lawson9/law Number of system executables to be called: 1 Number of files to copy: 8 Total size of files to copy 3.1M Install logfile is: /erp_transfers/Install RQC/rqc-901.install.20110803180225.log Beginning creation of tech900gen subcomponent Creating directory structure for tech900gen subcomponent /lawson9/gen/assembly/products/rqc Completed directory structure for tech900gen subcomponent Copying files for tech900gen subcomponent /lawson9/gen/install/agents/rgc service.xml /lawson9/gen/assembly/products/rqc/rqc.ear /lawson9/gen/assembly/products/rqc/rqc config.xml /lawson9/gen/assembly/products/rgc/punchout config.xml /lawson9/gen/assembly/products/rqc/Lmcs.ear /lawson9/gen/java/thirdParty/commons-codec-1.2.jar Completed file copy for tech900gen subcomponent Successful creation of tech900gen subcomponent Beginning creation of tech900law subcomponent Creating directory structure for tech900law subcomponent Completed directory structure for tech900law subcomponent Copying files for tech900law subcomponent /lawson9/law/logan/work/LAWSONLD/LAWSONLD.shopping.csv Completed file copy for tech900law subcomponent Successful creation of tech900law subcomponent Beginning creation of version subcomponent Creating directory structure for version subcomponent Completed directory structure for version subcomponent Copying files for version subcomponent /lawson9/law/logan/Admin/logan.rqc.bkmk Completed file copy for version subcomponent Successful creation of version subcomponent Beginning system executables.

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Executable report for impexp: Return code: 0 impexp standard output: Loading VERSION ... 1 records processed. impexp standard output: Loading from /lawson9/law/logan/Admin/logan.rqc.bkmk
impexp standard output: File Processed Added Duplicate Match Changed Bad impexp standard output: ---- -----_____ ____ ---- --impexp standard output: VERSION 1 1 0 0 0 0 impexp completed execution. Done running 1 executables. Installation activity completed. No errors were detected. Installation Summary: Total number of directories created: 1 Total number of files created: 8

End of Log file.

Page 10: Define the working directory and technology information in rqc_config.xml:

>	xterm								
	drwxrwxrwx -rw-rw-rw- 1337.log	2 nobody 1 nobody	nobody nobody	512 3625	May Jun	4 3	08:01 12:16	META-INF/ rqc-901.install.2011060312	
	-rw-rw-rw- 4736.log	1 nobody	nobody	803	Aug	3	17:50	rqc-901.install.2011080317	
	-rw-rw-rw- 5145.log	1 nobody	nobody	803	Âug	3	17:52	rqc-901.install.2011080317	
	-rw-rr -rw-rw-rw- [lawsonsrv:]	1 nobody 1 nobody awson:/var/	nobody nobody /home/laws	9632245 9634161 on]> java	Jun May a −ja	3 4 ar u	12:10 08:01)-rgc-9	w−0900010000-RQC.zip w−rqc-901.jar 901.jar	
	Initializing Java Accessi	the instal bility Brid	ll. Please Ige for GN	e wait. WME loade	ed.		·		
	[lawsonsrv:lawson:/var/home/lawson]> cd \$GENDIR/assembly/products/rqc [lawsonsrv:lawson:/var/home/lawson]> ls Lmcs.ear rqc_config.xml punchout_config.xml rqc.ear								
	total 6138	1 laucon	lauson	- 21 ×LINO	-1 0ua	7	10+00	1 1000 0000	
	-rw-rw-rw- -rw-rw-rw- -rw-rw-rw- [lawsonsrv:]	1 lawson 1 lawson 1 lawson 1 lawson awson:/var/	lawson lawson lawson lawson /home/laws	4209 8348 6365 3107209 ∞n]> ∎	Hug Áug Áug Áug	9333 33	18:06 18:06 18:06 18:06	Lmcs.ear punchout_config.xml rqc_config.xml rqc.ear	

$\mathbf{>}$	xterm					×
Γ	-rw-rw-rw-	1 nobody	nobody	3625 Jun	3 12:16 rqc-901.install.201106031	12
	-rw-rw-rw- 4736.log	1 nobody	nobody	803 Aug	3 17:50 rqc-901.install.201108031	17
	-rw-rw-rw-	1 nobody	nobody	803 Aug	3 17:52 rqc-901.install.201108031	17
	-rw-rr -rw-rw-rw- [lawsonsrv:]	1 nobody 1 nobody awson:/var/	nobody nobody /home/laws	9632245 Jun 9634161 May son]> java -ja	3 12:10 w-0900010000-RQC.zip 4 08:01 w-rqc-901.jar r w-rqc-901.jar	
	Java Accessi	the Insta. bility Brid	dge for GN	Wait. WME loaded.		
	[lawsonsrv:] [lawsonsrv:] Lmcs.ear	awson:/var/ awson:/var/ fic_yml	/home/laws /home/laws rqc_config	son]> cd \$GEND son]> ls g.xml	IR/assembly/products/rqc	
	[lawsonsrv:1	awson:/var/	/home/laws	son]> ls -l		
	total 6158 -rw-rw-rw- -rw-rw-rw- -rw-rw-rw- [lawsonsrv:] [lawsonsrv:]	1 lawson 1 lawson 1 lawson 1 lawson awson:/var/ awson:/var/	lawson lawson lawson lawson /home/laws /home/laws	4209 Aug 8348 Aug 6365 Aug 3107209 Aug son]> cp rqc_c son]> ∎	3 18:06 Lmcs.ear 3 18:06 punchout_config.xml 3 18:06 rqc_config.xml 3 18:06 rqc.ear onfig.xml \$LAWDIR/system	

Step 1: Copy [\$GENDIR/assembly/products/rqc/]rqc_config.xml to \$LAWDIR/system.

(I did a "cd \$GENDIR/assembly/products/rqc" then copied rqc_config.xml as required).

\geq	xterm					
	1337.log -rw-rw-rw- 4736 loo	1 nobody	nobody	803 Aug	3 17:50 rqc-901.install.	,2011080317
	-rw-rw-rw- 5145.log	1 nobody	nobody	803 Aug	3 17:52 rqc-901.install.	,2011080317
	-rw-rr -rw-rw-rw-	1 nobody 1 nobody	nobody nobody	9632245 Jun 9634161 May	3 12:10 ω-0900010000-RQ 4 08:01 ω-rqc-901.jar	C.zip
	Initializing Java Accessit	awson:/var/ the instal bility Brid	nome/laws l. Please Ige for GN	:onJ> java -ja ; wait. ЮME loaded.	r w−rqc-9vI.jar	
	[lawsonsrv:]/ [lawsonsrv:]/ Lmcs.ear punchout_conf	awson:/var/ awson:/var/ r fig.xml r	'home/laws 'home/laws qc_config qc.ear	con]> cd \$GEND con]> ls g.xml	IR/assembly/products/rqc	
	total 6138	1 lawson	lawson	4209 Aug	3 18:06 Lmcs.ear	
	-rw-rw-rw- -rw-rw-rw-	1 lawson 1 lawson 1 lawson	lawson lawson	8348 Aug 6365 Aug	3 18:06 punchout_config. 3 18:06 rqc_config.xml 3 18:06 rqc_config.xml	.×ml
	[lawsonsrv:la [lawsonsrv:la [lawsonsrv:la	i Tawson awson:/var/ awson:/var/ awson:/var/	'home/laws 'home/laws 'home/laws 'home/laws	con]> cp rqc_c con]> cd \$LAWD con]> vi rqc_c	onfig.xml \$LAWDIR/system IR/system onfig.xml	

Step 2: Open the rqc_config.xml file with a text editor: I did "vi rqc_config.xml".

Host: lawsondev <0>
<u>File Edit View S</u> etup <u>Window H</u> elp
🖆 🖬 🛍 🖏 🎢 🚟 🗞 🗛 I. 🛄 ?
.foundation.authQC_workcAuthenManagerImpl"/> <technology id="ios" value="com.lawson.webapp.foundation</td></tr><tr><td>.ios.ios803.I0S803ManagerImpl"></technology>
> <pre>> </pre> <pre>> </pre> <pre> </pre> <pre>> </pre> <pre> </pre> <pre> </pre> <pre>> </pre> <pre> </pre> <pre>> </pre> <pre> </pre> <pre>> <pre>> </pre> <pre>> <pre>> </pre> <pre>> <pre>> <pre>> <pre>> <pre>> <pre>> <pre>> <pre>> <pre>> <pre>> <pre>> <pre>> <pre>> <pre>> <pre>> <</pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>
<technology id="ios" value="com.lawson.webapp.foundation</td></tr><tr><td>.ios.ios900.I0S900ManagerImpl"></technology>
<pre></pre>
<pre><setting id="b2b_server" value="http://your.remote_punchout_serv</pre></td></tr><tr><td>er.name:port"></setting> <!-- Must be defined if using Punchout--> <setting id="b2b_service" name="LWSN" value="/punchout/remoteServlet/Pun</td></tr><tr><td>choutSetupRequest"></setting> <punchout></punchout></pre>
<pre><!-- For clients using Punchout, place your configurations here, between the</pre--></pre>
<punchout> tags and the ending rss tag ()> </punchout>
NUM Open

Steps 3 and 4: Define the work directory value. I used /lawson9/law/RQC_work.

VERY IMPORTANT: Manually create the work directory. I forgot to create the directory at this point, fortunately I was able to come back and create it).





Step 5: Verify the correct technology section is being used: In the above screen the 5th line down <setting id = "technology" value="9.0.0">

is not preceded by <!---.

If the line was immediately preceded by <!-- , that would indicate the beginning of an XML comment.





Page 10: Deploy the rqc.ear file on Websphere. This statement is quite deceptive in its appearance as the next 10 pages of this document illustrate the steps I was required to deploy the rqc.ear file. It is sort of "... then magic happens".

C Integrated Solutions Console - Windows Internet Ex	plorer		
🕒 🗸 🖉 🖌 http://lawsonsrv:9060/ibm/console/login.do		Google	2
Elle Edit View Pavorites Iools Help			
🚖 🏘 🌈 Integrated Solutions Console		💁 • 📾 · 🖶 • 🖻	Page + 🎯 Tools + 🎇
Integrated Solutions Console Welcome		Help Logout	ibm.
View: All tasks	Cell=lawsonsrvCell01, Profile=Dmgr01		Close page
· Welcome	New Application		
Guided Activities	New Application		
Servers	This page provides links to create new applications of different types.		
Applications	Install a New Application		
 New Application Application Types 	New Enterprise Application		
Services			
Resources	New Ruciesce Louis Application		
E Security	This link will take you to create a business-level application		
Environment	and optionally add composition units.		
System administration	New Asset		
Users and Groups			
Monitoring and Tuning			
Troubleshooting			
Service integration			
E UDDI			
		Second Se	€ 100% · .:
		The cocarritraties	100 %

In IBM Websphere console: Select "Applications" -> "New Application".

In the "New Application" frame click on "New Enterprise Application".

rqc-install-lawsonsrv.doc



Selected "rqc.ear". Pressed OK.

rqc-install-lawsonsrv.doc



Select Remote File System and browse to location of "rqc.ear". (Above screenshot does not show the directory structure of full path/file name of ear file).

rqc-install-lawsonsrv.doc



Selected "Fast Path". (I just guessed at this option).

rqc-install-lawsonsrv.doc



Accepted default values.

rqc-install-lawsonsrv.doc



Highlight both Cluster and Node option.

In my development install I just highlighted the Node but after completing the installation and configuration my system did not come up correctly. I had to come back and highlight the Cluster option as well. Fortunately adding the Cluster was all at was required to correct the issue.

Make sure to "Select" the "Requisition Center" module.

Press "Apply".

rqc-install-lawsonsrv.doc



After "Apply" the selected servers will appear beside the Requisition Center module.

rqc-install-lawsonsrv.doc



Select "Requision Center" (if not selected by default).

rqc-install-lawsonsrv.doc



Summary screen.

Press "Finish" if everything looks correct.



Screen that appeared following "Finish".

Press "Save".

Page 11: Post-Installation for Lawson Requisition Center.

Defining Shared Library Components in Websphere

Verify .jar file list

💻 Host: lawsonsrv <	0>								
<u>File E</u> dit <u>V</u> iew <u>S</u> etup	<u>W</u> indow <u>H</u> elp								
	< 2 & A	I. 🖳 ?							
[lawsonsrv:lawadm:/var/home/lawadm]> pwd									
/lawson9/gen/ja	iva/jar								
[lawsonsrv∶lawa + _a + _a l 15252	am:/var/h	ome/lawa	amj> is -i						
-r-vr-vr-v 1	Laureon	Laureon	337776 Jan	A	2011	hom-cliente jar#			
-r-xr-xr-x 1	lawson	lawson	2905064 Eeb	2	2011	bpm-commons jar*			
-r-xr-xr-x 1	lawson	lawson	151844 Feb	2	2011	bpm-server, jar*			
-r-xr-xr-x 1	lawson	lawson	93177 Jan	6	2011	dbsgl.jar*			
-r-xr-xr-x 1	lawson	lawson	147165 Jan	6	2011	dbsqltools.jar*			
-r-xr-xr-x 1	lawson	lawson	2820213 Feb	2	2011	IOS.jar*			
-r-xr-xr-x 1	lawson	lawson	82650 Jan	6	2011	lawrmconv.jar*			
-r-xr-xr-x 1	lawson	lawson	204955 Feb	2	2011	lawsec.jar*			
-r-xr-xr-x 1	lawson	lawson	16862 Jan	6	2011	lawsecres.jar*			
-r-xr-xr-x 1	lawson	lawson	658508 Jan	6	2011	lawsonrt.jar*			
-r-xr-xr-x 1	lawson	lawson	43601 Feb	2	2011	lhc.jar≭			
-r-xr-xr-x I	lawson	lawson	27945 Jan 114212 Jan	b c	2011	permsmerge.jar*			
	lawson	lawson	142104 Jan	ь С	2011	sqrapcopy.jan≁ upapadoopayapobapo_iap¥			
FI-AL-AL-A I	iawsun dm:/var/b	nawsun ome/lawa	dml)	0	2011	opyr adeor avar criar st. Jar *			
LIAMSUNSI V÷IAWA	iuiii · 7 vai 7 fi	Unie/Tawa	um]/ _						
		Op	en						

\$GENDIR/java/jar/IOS.jar above.

Host: lawsonsrv <0>	
<u>Eile E</u> dit <u>V</u> iew <u>S</u> etup <u>W</u> indow <u>H</u> elp	
P P P P C ≤ ∞ ∞ 2 ⊗ A I	
axis2-kernel-1.0. jar* axis2-kernel-1.4. jar* backport-util-concurrent-2.1. jar* backport-util-concurrent-3.1. jar* batik. jar* collections. jar* commons-cli-1.0. jar* commons-cli-1.2. jar commons-codec-1.2. jar commons-codec-1.3. jar* commons-codec-1.3. jar* commons-collections. jar* commons-dbcp-1.4. jar* commons-httpclient-3.0.1. jar* commons-httpclient-3.0.1. jar* commons-lang. jar* commons-logging-1.0.4. jar* commons-logging-1.1.1. jar* commons-pool-1.5.4. jar* commons-pool. jar* dtxpi. jar* ehcache-core-1.7.2. jar*	<pre>Idapbp.jar* les-client.jar* log4j.jar* LSFInternalClient.jar* MvxAPI.jar* neethi-1.0.1.jar* neethi-2.0.4.jar* oromatcher.jar* pf-rel802.jar* pf-rel802.jar* sec-client.jar* secLS.jar* slf4j-api-1.5.8.jar* stax-api-1.0.jar* SuperCSV-1.52.jar* wsdl4j-1.5.2.jar* wsdl4j-1.6.2.jar* wstx-asl-2.9.3.jar* wstx-asl-3.2.4.jar* xbean.jar* xmlbeans-2.3.0.jar*</pre>
geronimo-sťaz-apī_1.0_spec-1.0.1.jar* grid-client.jar*	XmlSchema-1.4.2.jar*
grid-cilent.jar* [lawsonsrv:lawadm:/var/home/lawadm]>	
Open	

\$GENDIR/java/thirdParty above.

I did not have the "ehcache.jar" nor the "ehcache-1.5.0-lawson.jar" files.

Page 12: Defining Requisition Center as a shared library for WebSphere 7.0

C Integrated Solutions Console - Windows Internet E	xplorer		
		🖌 🛃 🗶 Goog	jle 🖉 🗸
Eile Edit View Favorites Iools Help			
🚖 🕸 🌈 Integrated Solutions Console		🙆 • 6] 🕐 🖶 🔹 🔂 Page 👻 🎯 Tools 🔹 🎽
Integrated Solutions Console Welcome		Help Logout	TEM.
View: All tasks	Cell=lawsonsrvCell01, Profile=Dmgr01		Close page
= Welcome	Shared Libraries	? =	Help –
Guided Activities	Shared Libraries		Field help
E Servers	Use this page to define a container-wide shared library that can be used by deployed applications.		For field help information, select a field label or list
Applications	Scope: Cell=lawsonsrvCell01		marker when the help
New Application Application Types	☑ Show scope selection drop-down list with the all scopes option		Page help
Services	Scope specifies the level at which the resource definition is visible. For detailed information on what scope is and how it works, see the scope settings help.		this page
H Resources			Command Assistance
E Security			View administrative scripting command for last
Environment	Preferences		action
= Virtual hosts	New Delete		
 Update global Web server plug-in configuration WebSphere variables 	G D		
Shared libraries Replication domains	Select Name 🗘 Description 🗘		
= URI Groups	You can administer the following resources:		
1 Naming	R55		
System administration	Total 1		
🗄 Users and Groups			
Monitoring and Tuning			
Service integration			
I UDDI			
Done		Sector Se	al intranet 🔍 100% 🔹

Step1: Go to Environment, click Shared libraries.

Screenshot above shows "RSS".

Step 2: Verify scope section. Make sure Cell=... is visible.

Step3: Click New

C Integrated Solutions Console - Windows Internet Explorer			
G) + 🖉 http://lawsonsrv:9060/bm/console/login.do		¥ 47 X	Google 🖉 🔻
File Edit View Favorites Tools Help			
😭 🏟 🔡 🕈 🍘 Lawson portal - Job Schedule 🥸 RQC - Lawson G	uru.com - La 🍘 Integrated Solutions Con 🗙	<u>و</u>	• 🔝 👘 🖷 🔛 Bage + 🎯 Tools + 🎽
Integrated Solutions Console Welcome		Help Logout	ien.
View: All tasks	Cell=lawsonsrvCell01, Profile=Dmgr01		Close page
= Welcome	Shared Libraries	? -	Help
Guided Activities	Shared Libraries > New		Field help
Servers	Use this page to define a container-wide shared library that can be used by deployed applications.		Specifies a class path that contains the JAR files for this
Applications	Configuration		library. Press Enter to separate class path entries. Entries
Services			must not contain path
Resources	General Properties		';' or ':'). Class paths can
Security	* Scope		names that can be substituted
Environment	cells:lawsonsrvCell01		using a variable map.
 Virtual hosts Update global Web server plug-in configuration WebSphere variables Shared libraries Replication domains URIGroups WRIGhtmen 	* Name RQC Description		Page help More information about this gage
	+ Carcasth		
El System administration	lawson9/gen/java/jar/IOS.jar		
Disers and Groups	//avson9/gen/java/thirdParty/commons-codec-1.3.jar //avson9/gen/java/thirdParty/ehcache-core-1.7.2.jar		
The state of the s	//lawson9/gen/java/thirdParty/slf4j-api-1.5.8.jar //lawson9/gen/java/thirdParty/slf4j-jdk14-1.5.8.jar		
	Native Library Path		
E UDDI	Class Loading Class Loading Use an isolated class loader for this shared library		
	Apply OK Reset Cancel		
/ibm/console/libraryDetail.do		•	Local intranet 🔍 100% 🔹 .:

Step 4: Fill in name "RQC" and classpath values.

Click OK.

rqc-install-lawsonsrv.doc



Step 4 c: Click "Save" to master configuration.

rqc-install-lawsonsrv.doc



Step 5: Go to Applications, expand Application Types, click Websphere Enterprise Applications.

The above screen will appear (with applications appropriate to your installation).

Step 6: Click RQC.

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Step 7 : Click Shared Library References.

rqc-install-lawsonsrv.doc



Step 8: Select the Requisition Center module and click Reference Shared Libraries.

rqc-install-lawsonsrv.doc



Step 9: After moving RQC from Available list to Selected list.

Step 10: Click OK

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Step 11: Click OK again.

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Prior to Save in step 12

rqc-install-lawsonsrv.doc



Step 12: Save: Above screenshot is after Save in step 12.

Note: The RQC application is not running. I started the application after Creating Bookmarks as outlined on page 14 of the Installation Guide.

Page 13: Deliver Template via SSOCONFIG

Host: lawsonsrv <0>									
<u>File E</u> dit <u>V</u> iew <u>S</u> etup <u>W</u> indow <u>H</u> elp									
[lawsonsrv:lawadm:/var/home/lawadm]> pwd									
/lawson9/gen/install/agen	/lawson9/gen/install/agents								
Llawsonsrv:lawadm:/var/n/ Customer_cobr91_vml%	omeziawadmjz is Finance cobn91 yml%	ree service cobn91 vml							
Customer.xml	Finance.xml	rss service.xml							
Employee_cohp91.xml*	Requester_cohp91.xml*	Vendor_cohp91.xml*							
Employee.xml	Requester.xml	Vendor.xml							
enwisen.xml [lawsenseu:lawsdm:/use/b	rqc_service.xml								
Liawsonsrv - Lawadiii - 7 var 7 h	olley Lawadili J>								
	Open								

cd \$GENDIR/install/agents (pwd command shows I am in that directory).

"ls" command to see contents of the directory.

Following step not shown: Step 1:cp rqc_service.xml rqc_service_cohp91.xml

🗏 Host: lawsonsrv <0>
<u>Eile Edit V</u> iew <u>S</u> etup <u>W</u> indow <u>H</u> elp
🖻 🖶 🖻 🛍 🖏 🎢 🚟 🍇 🗛 I. 🔜 ?
K! Proprietary Program Material
This material is proprietary to Lawson Software, and is not to be reproduced or disclosed except in accordance with software contract provisions, or upon written authorization from Lawson Software.
Copyright (c) 2005 by Lawson Software. All Rights Reserved. Saint Paul, Minnesota
/
<pre>KBATCH_LOAD></pre>
<pre><hasuredent(al>TRUE</hasuredent(al> <loginscheme name="Form"> <ref_servicename>SSOP</ref_servicename> <serviceurl>http://lawsonsry.highpointnc.gov/rgc</serviceurl></loginscheme></pre>
EURL>
 <loginprocedure>Form based</loginprocedure>
[lawsonsrv:lawadm:/var/home/lawadm]>
Open

Step 2: vi "rqc_service_cohp91.xml" and modify <SERVICEURL>...</SERVICEURL> as appropriate.

Step 3: ssoconfig –l SSOCONGIGPASS rqc_service_cohp91.xml (screenshot not shown for security purposes, password must be entered in clear text).

Step 4: Repeat for Requester_cohp91.xml. Did not have to modify the file since it had already been created for RSS.

Step 6: ssoconfig –l SSOCONGIGPASS Requester_cohp91.xml NOTE: I omitted this step the first time and had to come back to execute it after running the LO920 job outlined on page 14 of the installation guide.

Page 14: Create Bookmarks

🖳 Host: lawsonsrv <0>	
<u>File Edit View Setup Window H</u> elp	
🖻 🖬 🛍 🖏 🎢 🚟 🥸 🗛 I. 🔜 ?	
[lawsonsrv:lawadm:/var/home/lawadm]> cp LAWSONLD LAWSONLD.priortoRQC.0803201:	
cp: overwrite LAWSONLD.priortoRQC.08032011 (yes/no)? y	
[Tawsonsrv:Tawadm:/var/nome/Tawadm]/ cp_LAw5UNLD.snopping.csv_LAw5UNLD	
Open	

Step 1: cd \$LAWDIR/logan/work/LAWSONLD not shown.

Step 2: make copy of original bookmark (note: I had already made a backup prior to theses screenshots, hence the warning about overwriting LAWSONLD.priortoRQC.08032011).

Step 3: cp LAWSONLD.shopping.csv LAWSONLD

rqc-install-lawsonsrv.doc



In the IBM console I selected RQC then pressed Start at this point.

rqc-install-lawsonsrv.doc

🖉 Lawson portal - Lawson Upgra	des (LO920) - Windows Internet Explorer		
🕝 🕢 👻 🙋 http://lawsonsrv.hig	hpointn:gov/lawson/portal/	Soogle	P -
Ele Edit View Favorites Tools	Help		
🚖 🔅 🍘 Lawson portal - Lawson l	.bpgrades (L.0920)	🟠 • 🗟 · 🖶 • 🕞 Beg	e 🔹 🎯 T <u>o</u> ols 🔹 🎇
LAWS	Lawson Upgrades (LO920)	Welcome David Britton to LOG/	AN [logout]
Home	» + Add / Change - Delete 4 Previous 2 Inquire > Next Inquire -		Related Forms 👻
Print Env.		,	
RSS Debug	Submit Reports Job Sched Print Mgr		
IOS Test Communication	Job Name 1,09200803 6		
IOS User info	Tob Description loga for ROC install		
EFS Install Validator	Lines Name State		
EFS Config Assistant	User Haine jsdavid 🔄 David Bircon		
LSN Install Validator	Data Area/ID LOGAN		
LSN Config Assistant	Parameters		
LSN Admin Console			
LSN on erprpt2	Run Mode U 🕞 Update Mode		
FTP-cnvexp			
DME Query			
DME Query via HTTP:			
servlet What			
Smart Notes alternate			
Image Browser			
EFS Install Validator for er			
EFS Config Assistant for erp			
Myimages			
webSphere Admin: lawsonrpt			
websphere Admin: lawsonsrv			
ACH transfer			
Run I Ri report directly			
Inbasket ProcessFlow			
Tohs and Penorts			
CoHP Employee 55			
Requisitions Self-Service 🔹			
Line Status			
Status			
Requester Shopping Lists			
Approvals			
Shopping			
Utilities			
Receiving			
CoHP Manager SS			
Done		Scal intranet	at 100% 🔹 👘

Step 4: Add a LO920 job in LOGAN. Use the Update Mode option.

Step 5: Click Submit.

C http	://lawsonsrv.highpointnc.gov/servlet/Report?action=PDF&file=/lawson9/law/print/isdavid/lo92 - Windows In 🔳 🗖 🛽	<
B	💾 🍰 + 🕼 🧼 🗍 / 3 🛛 😕 🚳 60.1% + 🛛 拱 🔀 Find	
Ē	Lawson Upgrades L0920 Date: 08/03/11 JOB SUEMISSION FARAMETERS Time: 19:27 JOB SUEMISSION FARAMETERS	^
L	Uper Name: indevid Job Name : 109200803 Step Nbr : 1	
60	Run Mode: U Update Mode	III.
?		
Ø		
%	22	*

Output from LO920 job (first time I executed LO920. I had to run a second time after executing ssoconfig for Requester_cohp91.xml).

🖉 http	//lawsonsrv.highpointnc.gov/servlet/Report?action=PDF&file=/lawson9/lav	w/print/isdavid/lo92 - Windows In 🔳 🗖 🗙
þ	💾 🚑 + 🦆 🧅 2 3 💿 💌 60.1% + 拱 🚺 Find	, The second se
Ē	Lawson Upgrades L0920 Date 08/03/11 Lawson Book Mark Upgrades Time 19:27	Page 1
	Uggrade Report: Active Mode - Will Update Database. CSV Line Lawson Book Mark Located Under Message 00000001 FORTALADMIN Top Level Bookmark has been changed. Name:Portal Administration Description:Portal Administration	Url:
0	0000002 ADMINHOME Chg all Occurances Bookmark has been changed. Name:Adminatration Home Page Description:Administration Home Page 00000023 BOLENGE Chg all Occurances Bookmark has been changed.	Url:admin/home.htm
	Name:Role Manager Description:Role Manager that been changed. 00000004 OFFICEMSR Chg all Occurances Bookmark has been changed. Name:Bookmark Manager Description:Bookmark Manager	Url:admin/rolemgr/ Url:admin/officemanager/
	00000005 LAWSONTERMINAL Chg all Occurances Bookmark has been changed. Name:Lawson Terminal Description:Lawson Terminal	Url:utility/lawterminal.htm
	00000006 FORTALUTILCFDELETE Chg all Occurances Bookmark has been changed. Name:Delete Custom Forn Description:Delete Custom Form	Url:utility/formdel.htm
	00000007 FORTALUTILCFINDEX Chg all Occurances Bookmark has been changed. Name:Rebuild Custon Form Index Description:Rebuild Index for Custom Forms	Url:utility/bldindex.htm
	00000008 FORTALUTILCFFDL Chg all Occurances Bookmark has been changed. Name:Set Custon Form Data Area Description:Set Data Area For Custom Form	Url:utility/formpdl.htm
	00000009 FORTALCFGFORTAL Chg all Occurances Bookmark has been changed. Name:Portal Configuration Description:Show Portal Configuration	Url:admin/confighost.htm?TYPE=PORTAL
	00000010 FORTALCFGIOS Chg all Occurances Bookmark has been changed. Name:IOS Configuration Description:Show IOS Configuration	Url:admin/confighost.htm?TYPE-IOS
	00000011 FORTALCFGSSO Chg all Occurances Bookmark has been changed. Name:SSO Configuration Description:Show SSO Configuration	Url:admin/confighost.htm?TYPE=SSO
	00000012 IOSCACHEREFRESH Chg all Occurances Bookmark has been changed. Name:IOS Cache Refresh Description:IOS Cache Refresh	Url:admin/cacherefresh.htm
	00000013 FORTALRPTS Top Level Bookmark has been changed. Name:Jobs and Reports Description:Jobs and Reports	Url:
	00000014 JOBLIST Chg all Occurances Bookmark has been changed. Name:Job List Description:List all jobs	Url:reports/joblist.htm
	00000015 PRTFILES Chg all Occurances Bookmark has been changed. Name:Print Manager Description:List all print files	Url:reports/printfiles.htm
	00000016 JOBSCHED Chg all Occurances Bookmark has been changed. Name:Job Schedule Description:Show Job Schedule	Url:reports/jobschedule.htm
Ø	00000017 JOBDEF Chg all Occurances Bookmark has been changed. Name:Multi-Step Job Definition Description:Show Multi-Step Job Definition	Url:reports/jobdef.htm
÷		

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B	🗎 🖉 · 💠	3 / 3	60.1% 🕶 😽	Find -	
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Output from second run after executing ssoconfig for Requester_cohp91.xml.



Step 6: Verify the bookmarks for RQC appear.

We have had problems with IE updating correctly after modifying the Portal so I performed the following steps (we had all of our users perform the same steps).

Log out of lawson Close all open IE windows Open IE – goes to my home page Delete temporary files, history, form data (IE 7). Close IE Open IE, go to Lawson

I then saw the Requisition Center in my Navigation Bar.

Page 15: Testing the Installation

Set Up User ID

Steps 1 and 2 not shown.Step3: Click Requisition Center then the Utilities link.Step 4: Click the Reload Configuration File button Click the RQC IOS Cache refresh button

David Britton

46 of 47 City of High Point, NC

http://www.highpointnc.gov/

Run the Requisition Center

Requisition Center - V	Vindows Internet Explorer			
LAWS N' RQC F	ind / Shop Inquire Profile			Welcome, PATTY SYKES 👩 🔱
Basic Detail Profile	Accounting User Fields	Comments	Requisition Lines	
Requester	FIPATTY PATTY SYKES		Item Q No Items	uantity Cost
Requisition				
Creation Date				
Requisition Status				
Reference Number		-		
Requisition Description	1000			
Company	1000	City of High Point		
Requesting Location	22400	Purchasing Division		
Requested Delivery Date	e mm/dd/yyyy			
Priority				
Deliver To		- 1		
Commodity Code	,			
				Total Quantity: 0 Total Cost: 0 Number of Lines: 0
4			New	Clear Print Relaase

Click on the Shopping Bookmark.

And life is good[©]